

ROL NO.  
8054

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT  
9150 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123-1096  
(858) 694-3307 FAX (858) 694-2730

PERMIT NO.  
860288  
EXPIRES  
JUNE 1, 2001

## PERMIT TO OPERATE

THIS PERMIT IS NOT VALID UNTIL REQUIRED FEES ARE RECEIVED BY THE DISTRICT.

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION EXCEPT AS SPECIFIED. THIS PERMIT TO OPERATE OR A COPY MUST BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR READILY AVAILABLE ON THE OPERATING PREMISES.

SD CITY OF ENVIRONMENTAL SERVICES DEPT  
REFUSE DISPOSAL DIV  
9601 RIDGEHAVEN CT #310  
SAN DIEGO CA 92123-1636

### EQUIPMENT ADDRESS

SD CITY OF SO CHOLLAS LANDFILL  
2781 CAMINITO CHOLLAS  
SAN DIEGO, CA 92105-0000

### EQUIPMENT DESCRIPTION

A LANDFILL GAS COLLECTION, MONITORING, AND FLARE SYSTEM ON THE WESTERN PORTION OF THE SOUTH CHOLLAS LANDFILL NEAR THE HOLY SPIRIT SCHOOL. THIS SYSTEM CONSISTS OF COLLECTION WELLS, MIGRATION PROBES, AN ENCLOSED FLARE, AND TWO BLOWERS. FLARE STATION CONTROL EQUIPMENT SHALL INCLUDE A FLAME ARRESTOR, AN OPTICAL FLAME DETECTOR, AN AUTOMATIC SHUT OFF DEVICE, AN IN-LINE OXYGEN ANALYZER, AND A STACK THERMOCOUPLE.

(APP 901442 / DB / REV 7-98)

Sector#:07 ID#:86072A PO#:860288 BEC#:0173M  
Fee Schedules: 48C01 94C15 94D18 94E03

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 2, 10, 40, 50, 51, 67.17, 59, 1200.

### FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

1. THIS PERMIT, OR COPY THEREOF, INCLUDING THE PERMIT CONDITIONS, SHALL BE ATTACHED TO OR ACCOMPANY THE EQUIPMENT AT ALL TIMES.
2. NO NEW WASTE SHALL BE ACCEPTED INTO THIS LANDFILL. EXCAVATED MATERIAL FROM THE SAME LANDFILL SHALL NOT BE CONSIDERED NEW WASTE.
3. THE EQUIPMENT SHALL BE PROPERLY MAINTAINED IN GOOD WORKING CONDITION AT ALL TIMES. CALIBRATION AND MAINTENANCE RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED FOR AT LEAST THREE (3) YEARS AND BE MADE AVAILABLE TO THE DISTRICT ON REQUEST.
4. THERE SHALL BE NO LEAKS OF LANDFILL GAS FROM THE COLLECTION SYSTEM AND FLARE EQUIPMENT IN EXCESS OF 1375 PPMV (AS METHANE) EXCEPT DURING MAINTENANCE, REPAIR, OR SAMPLING ACTIVITIES.

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5. THERE SHALL BE NO RELEASE OF LEACHATE OR CONDENSATE FROM ANY PART OF THE LANDFILL, LANDFILL GAS COLLECTION SYSTEM, OR FLARE STATION WHICH RESULTS IN THE DISCHARGE OF ODORS, TOXIC AIR CONTAMINANTS, OR REACTIVE ORGANIC COMPOUNDS TO THE ATMOSPHERE.
6. THE GAS COLLECTION SYSTEM SHALL BE MAINTAINED, ADJUSTED, AND OPERATED ON A SCHEDULE AND IN A MANNER SUCH THAT THE CONCENTRATION OF LANDFILL GAS DOES NOT EXCEED 500 PPMV (AS METHANE) AT ANY POINT IMMEDIATELY ABOVE THE SURFACE OF THE LANDFILL EXCEPT AREAS ACTIVELY INVOLVED IN WASTE EXCAVATION, COVER MAINTENANCE, EQUIPMENT REPAIR, WELL INSTALLATION, SAMPLING, OR TESTING.
7. THE PERMITTEE SHALL OPERATE, ADJUST, AND MAINTAIN THE GAS COLLECTION SYSTEM TO PREVENT EXCESSIVE QUANTITIES OF AIR FROM BEING DRAWN INTO THE LANDFILL. AN OXYGEN ANALYZER, DESIGNED TO BE ACCURATE TO +/- 0.5% BY VOLUME, SHALL BE INSTALLED IN THE COLLECTION PIPING AT THE FLARE STATION, MAINTAINED IN GOOD WORKING CONDITION, AND CALIBRATED AT LEAST BIENNIALLY. THE CONCENTRATION OF OXYGEN IN LANDFILL GAS AT THE FLARE STATION SHALL NOT EXCEED 3.5% BY VOLUME.
8. EXCEPT FOR A FLARE IGNITION AND STARTUP NOT TO EXCEED 15 MINUTES, PERMITTEE SHALL ENSURE COMPLETE COMBUSTION OF LANDFILL GASES DURING OPERATION BY MAINTAINING THE STACK GAS EXIT TEMPERATURE AT NO LESS THAN 1500 F OR AS OTHERWISE SPECIFIED BY THE FLARE MANUFACTURER. SUPPLEMENTAL FUEL (NATURAL GAS OR PROPANE) SHALL BE ADDED AS NECESSARY TO MAINTAIN THE REQUIRED STACK GAS EXIT TEMPERATURE.
9. A THERMOCOUPLE, DESIGNED TO BE ACCURATE TO +/- 50 F AT 1500 F, SHALL BE INSTALLED IN THE FLARE STACK AND MAINTAINED IN GOOD WORKING CONDITION. THE TEMPERATURE OF THE EXHAUST GAS IN THE FLARE STACK SHALL BE DISPLAYED AT THE FLARE STATION DURING INCINERATION.
10. A SHUT-OFF VALVE SHALL BE IN PLACE AND MAINTAINED AT EACH WELL HEAD.
11. AN AUTOMATIC SHUTOFF DEVICE SHALL STOP THE FLOW OF LANDFILL GAS TO THE FLARE WHENEVER CONDITIONS OF FLAME-OUT, EXCESSIVE EXHAUST GAS TEMPERATURE (>1800 F), OR EXCESSIVE LANDFILL GAS OXYGEN CONTENT (>3.5% BY VOLUME) OCCUR.
12. THE PERMITTEE SHALL INSPECT EACH OFFSITE GAS MIGRATION PROBE WITH A COMBUSTIBLE GAS INDICATOR FOR THE PRESENCE OF METHANE ON A MINIMUM QUARTERLY BASIS AND RETAIN RECORDS. INSPECTION RECORDS SHALL BE MADE AVAILABLE TO THE DISTRICT ON REQUEST.
13. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR

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**SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE  
AIR POLLUTION CONTROL DISTRICT.**

14. **THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER  
FROM OBTAINING PERMITS OR AUTHORIZATIONS REQUIRED BY OTHER GOVERNMENTAL  
AGENCIES.**